

# **RULE 503 EMISSION STATEMENT**

Adopted 09-21-93

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**100 GENERAL**

**101 PURPOSE:** To establish the requirements for the submittal of emission statements from specified stationary sources pursuant to the requirements of the 1990 amendments to the Federal Clean Air Act [Section 182 (a)(3)(B)].

**102 APPLICABILITY:** The requirements of this rule are applicable to every stationary source permitted by the District which has actual emissions or potential in excess of ten (10) tons or more per year of volatile organic compounds or oxides of nitrogen.

**110 EXEMPTION, WAIVER:** The Air Pollution Control Officer may waive the requirement to provide an emission statement for any class or category of stationary sources which emit (based on actual emissions for the twelve months prior to the reporting period requested) less than twenty-five (25) tons per year, but more than ten (10) tons per year of volatile organic compounds or oxides of nitrogen, pursuant to the requirements of Section 401.

**200 DEFINITIONS:** Unless otherwise defined below, the terms used in this rule are defined in Rule 502, NEW SOURCE REVIEW.

**201 ACTUAL EMISSIONS:** Measured or estimated emissions which most accurately represent the emissions from an emissions unit. Fugitive emissions associated with the emissions unit shall be included in the actual emissions of the emissions unit.

**202 AFFECTED POLLUTANTS:** For the purposes of this rule only, volatile organic compounds (VOC) and oxides of nitrogen (NOx) are the affected pollutants.

**203 RESPONSIBLE OFFICIAL:** An individual, who is responsible for the completion and certification of the emission statement, and who accepts legal responsibility for the emission statement's accuracy. "Responsible official" means one of the following:

203.1 For a corporation, a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit and either:

- a. The facilities employ more than 250 persons or have gross annual sales; or expenditures exceeding \$25 million (in second quarter 1980 dollars); or
- b. The delegation of authority to such representative is approved in advance by the Air Pollution Control Officer (APCO);

203.2 For a partnership or sole proprietorship, a general partner or the proprietor, respectively; or

203.3 For a municipality, state, federal, or other public agency, either a principal executive officer or a ranking elected official; or

203.4 For an acid rain unit subject to Title IV (Acid Deposition Control) of the Clean Air Act, the "responsible official" is the designated representative of that unit for any purposes under Title IV and Rule 507, FEDERAL OPERATING PERMITS PROGRAM.

**204 VOLATILE ORGANIC COMPOUNDS:** Compounds which contain at least one atom of carbon, except:

- 204.1 Methane
- 204.2 Carbon dioxide
- 204.3 Carbon monoxide
- 204.4 Carbonic acid
- 204.5 Metallic carbides or carbonates
- 204.6 Ammonium carbonate
- 204.7 1,1,1-trichloroethane
- 204.8 Methylene chloride
- 204.9 2,2-dichloro-1,1,1-trifluoroethane (HCFC-123)
- 204.10 2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124)
- 204.11 Trichlorofluoromethane (CFC-11)
- 204.12 Dichlorodifluoromethane (CFC-12)
- 204.13 1,1,1-trichloro-2,2,2-trifluoroethane (CFC-113)
- 204.14 1-chloro-1,1-difluoro-2-chloro-2,2-difluoroethane (CFC-114)
- 204.15 Chloropentafluoroethane (CFC-115)
- 204.16 Pentafluoroethane (HFC-125)
- 204.17 1,1,2,2-tetrafluoroethane (HFC-134)
- 204.18 Tetrafluoroethane (HFC-134a)
- 204.19 1,1-dichloro-1-fluoroethane (HCFC-141b)
- 204.20 1-chloro-1,1-difluoroethane (HCFC-142b)
- 204.21 1,1,1-trifluoroethane (HFC-143a)
- 204.22 Chlorodifluoromethane (HCFC-22)
- 204.23 Trifluoromethane (HFC-23)
- 204.24 Difluoroethane (HFC-152a)
- 204.25 The following four classes of perfluorocarbon compounds:
  - a. Cyclic, branched, or linear, completely fluorinated alkanes.
  - b. Cyclic, branched, or linear, completely fluorinated ethers, with no unsaturations.
  - c. Cyclic, branched, or linear, completely fluorinated tertiary amines with no unsaturations.
  - d. Sulfur-containing perfluorocarbons with no unsaturations and with sulfur bonds only to carbon and fluorine.

Perfluorocarbon compounds will be assumed to be absent from a product or process unless a manufacturer or facility operator identifies the specific individual compounds (from the broad classes of perfluorocarbon compounds) and the amounts present in the product or process and provides a validated test method which can be used to quantify the specific compounds.

**300 STANDARDS**

**301 EMISSION STATEMENT REQUIREMENTS:**

- 301.1 Except as provided in Section 110, the owner or operator of any stationary source which emits oxides of nitrogen or volatile organic compounds shall provide the District with a written emission statement showing actual emissions of volatile organic compounds and oxides of nitrogen from that source.
- 301.2 The emission statement shall be on a form or in a format specified by the Air Pollution Control Officer and shall contain the following information:
  - a. Information contained in the California Air Resources Board's Emission Inventory Turn Around Document as described in Instructions for the Emission Data System Review and Update Report; and

- b. Actual emissions of volatile organic compounds and oxides of nitrogen, in tons per year, for the calendar year prior to the preparation of the emission statement; and
- c. Information regarding seasonal or diurnal peaks in the emission of affected pollutants; and
- d. Certification by a responsible official of the company that the information contained in the emission statement is accurate to the best knowledge of the individual certifying the emission statement.

301.3 After September 21, 1993, the first emission statement shall cover actual emissions of volatile organic compounds and oxides of nitrogen for calendar year 1992. Thereafter emissions statements and/or emissions inventory data reports shall be submitted to the District annually.

**302 REPORTING REQUIREMENTS:** The owner or operator of any source subject to this section may comply with the provisions of this Section by satisfying the requirements of Subsections 302.1 or 302.2, as follows:

302.1 Emission Inventory Data Report: Unless otherwise directed by the Air Pollution Control Officer, the owner or operator of a source regulated by this rule shall annually conduct an emissions inventory of the actual emissions discharged to the atmosphere in the prior calendar year. The emission data report shall be submitted to the District no later than March 1.

- a. Once the owner or operator of a source that is regulated by this rule submits an annual emission data report, the District will prepare an emission statement for certification by the responsible official. The responsible official must certify the emission statement and return it to the District within 30 days after the date it was mailed by the District (postmarked date).
- b. If the owner or operator believes that the information in the emission statement provided by the District is not correct, the owner or operator may revise the emissions information, using a form and methodology approved by the Air Pollution Control Officer. The revised emission information shall be returned to the Air Pollution Control Officer within 30 days of the date the emission statement was sent to the owner or operator by the District, and the responsible official shall certify that the emissions information is accurate, to the best knowledge of the individual certifying the statement.
- c. Within 30 days of receipt of revised emissions information submitted pursuant to Section 302.1(b), the Air Pollution Control Officer shall accept or reject the information. If accepted, the emission statement shall be submitted to the California Air Resources Board. If the emission statement is rejected, it shall be returned to the source owner or operator with the reason(s) for its rejection. The source owner or operator shall correct the emission statement and resubmit it to the Air Pollution Control Officer within 30 days of the date the notice of rejection of the emission statement was made (postmarked date).

302.2 **Emission Statement:** If so directed by the Air Pollution Control Officer, the owner or operator of a source regulated by this rule shall annually submit an emissions statement satisfying the requirements of Subsection 301.2 reporting the actual emissions discharged to the atmosphere in the prior calendar year. The completed emission statement shall be submitted to the District no later than March 1.

- a. The responsible official must provide certification for the emission statement.
- b. Within 30 days of receipt of the emission statement the Air Pollution Control Officer shall accept or reject the information. If accepted, the emission statement shall be submitted to the California Air Resources Board. If the emission statement is rejected, it shall be returned to the source owner or operator with the reason(s) for its rejection. The source owner or operator shall correct the emission statement and resubmit it to the Air Pollution Control Officer within 30 days of the date the notice of rejection of the emission statement was made (postmarked date).

#### **400 ADMINISTRATIVE REQUIREMENTS**

##### **401 DISTRICT REQUIREMENTS:**

- 401.1 The Air Pollution Control Officer shall request and require the submission of an emission inventory data report pursuant to Subsection 302.1, or shall require a complete emissions statement pursuant to Subsection 302.2, from each source within the District emitting twenty-five (25) tons or more per year, or between ten (10) and twenty-five (25) tons per year if not exempted pursuant to Section 110, of volatile organic compounds or oxides of nitrogen.
- 401.2 If exempted by Section 110, the Air Pollution Control Officer shall provide the California Air Resources Board with an emission inventory for permitted point sources emitting between ten (10) and twenty-five (25) tons per year either volatile organic compounds or oxides of nitrogen.

**402 FAILURE TO SUBMIT:** A failure by the responsible official to submit an annual emission inventory by the date required, or to return a certified emission statement or corrected emission statement when due, shall be deemed a willful failure to furnish information required to disclose the nature and quantity of emissions discharged by the stationary source.

- 402.1 The Air Pollution Control Officer may suspend the permit(s) of such a source.
- 402.2 The Air Pollution Control Officer shall serve notice in writing of such suspension and the reasons for the suspension upon the permittee.
- 402.3 The Air Pollution Control Officer will reinstate the suspended permit(s) when furnished with the required information.

#### **500 MONITORING AND RECORDS**

**501 EMISSION FACTORS:** The emission factors used in developing the emissions inventory data or in determining the emissions of the emission statement required in Section 302.1 and 401.2 shall be acceptable to the California Air Resource Board and the Administrator of the Environmental Protection Agency.